

1. A system for displaying kinematic and kinetic information of a subject, comprising:

an image input stage for acquiring image data of the subject;

- 5 a transformation stage for transforming the image data into three dimensional coordinates corresponding to one or more body segments of the subject; and

an output data stage for calculating the kinematic and kinetic information of the subject from the three dimensional coordinates.

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2. The system of claim 1, further comprising a user interface for displaying the calculated kinematic and kinetic information of the subject.

3. A method for displaying kinematic and kinetic information of a subject, said method comprising:

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acquiring image data of the subject;

transforming the image data into three dimensional coordinates corresponding to one
20 or more body segments of the subject; and

calculating the kinematic and kinetic information of the subject from the three dimensional coordinates.